

(FILE 'HOME' ENTERED AT 15:57:49 ON 28 JUL 2006)

FILE 'REGISTRY' ENTERED AT 15:58:02 ON 28 JUL 2006

L1 1882 S (1477-55-0# OR 539-48-0#)/CRN
L2 213648 S (96-33-3# OR 80-62-6# OR 79-10-7# OR 79-41-4# OR 110-17-8# OR
L3 49827 S (147-71-7# OR 133-37-9# OR 87-69-4# OR 121-91-5# OR 100-21-0#
L4 245 S L1 AND (L2 OR L3)
L5 0 S L4 AND 4/NCS
L6 62 S L4 AND 4/NC
L7 30 S L1 AND (96-33-3# OR 80-62-6#)/CRN

FILE 'CAPLUS' ENTERED AT 16:14:57 ON 28 JUL 2006

L8 1 S 361553-28-8/RN
L9 16 S (518015-79-7# OR 518015-76-4# OR 439610-76-1# OR 198691-78-0#

FILE 'REGISTRY' ENTERED AT 16:20:21 ON 28 JUL 2006

L10 47878 S (64-18-6# OR 64-19-7# OR 79-09-4# OR 107-92-6# OR 50-21-5# OR
L11 3 S L4 AND L10

FILE 'CAPLUS' ENTERED AT 16:21:52 ON 28 JUL 2006

L12 1 S 439610-76-1#/RN

FILE 'CAPLUS' ENTERED AT 16:23:53 ON 28 JUL 2006

L13 260 S (63738-22-7# OR 64020-73-1#)/RN

FILE 'REGISTRY' ENTERED AT 16:25:54 ON 28 JUL 2006

L14 21230 S OXYGEN
L15 24 S OXYGEN AND O2/MF
L16 0 S CARBON(W) DIOXIDE AND C1O2/MF
L17 1746 S CARBON(W) DIOXIDE

FILE 'CAPLUS' ENTERED AT 16:28:00 ON 28 JUL 2006

L18 558509 S (7782-44-7# OR 124-38-9#)/RN
L19 33044 S (L18 OR GAS###) (5A) (BARRIER# OR PERMEAB? OR IMPERMEAB?)
L20 29 S L13 AND L19

FILE 'REGISTRY' ENTERED AT 16:33:43 ON 28 JUL 2006

L21 85222 S PA/PCT

FILE 'CAPLUS' ENTERED AT 16:33:49 ON 28 JUL 2006

L22 34 S L13 AND (L21 OR POLYAMI!!AMI!!# OR (AMIN!#(3A) POLYAMID!#))

FILE 'STNGUIDE' ENTERED AT 16:35:04 ON 28 JUL 2006

FILE 'CAPLUS' ENTERED AT 16:35:10 ON 28 JUL 2006

FILE 'STNGUIDE' ENTERED AT 16:35:17 ON 28 JUL 2006

RN 64020-73-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,3-Benzenedimethanamine, N,N,N',N'-tetrakis(oxiranylmethyl)-, homopolymer
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN Erisys GA 240

CN N,N,N',N'-Tetraglycidyl-m-xylylenediamine homopolymer

CN PGA-X

CN Poly(N,N,N',N'-tetraglycidyl-m-xylylenediamine)

CN Tetrad X

CN Tetrad Y

CN TGMXDA

DR 87913-07-3

MF (C₂₀ H₂₈ N₂ O₄)_x

CI PMS, COM

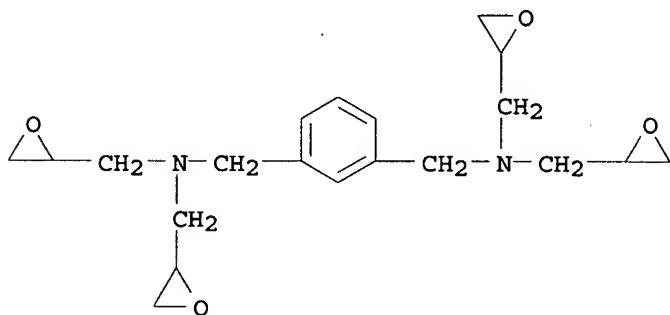
PCT Epoxy resin, Polyamine

LC STN Files: CA, CAPLUS, CIN, MSDS-OHS, PROMT, TOXCENTER, USPAT2,
USPATFULL

CM 1

CRN 63738-22-7

CMF C₂₀ H₂₈ N₂ O₄

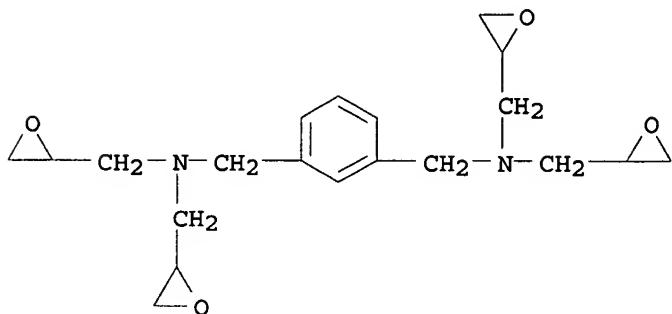


159 REFERENCES IN FILE CA (1907 TO DATE)

24 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

159 REFERENCES IN FILE CAPLUS (1907 TO DATE)

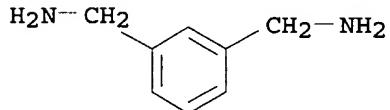
RN 63738-22-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1,3-Benzenedimethanamine, N,N,N',N'-tetrakis(oxiranylmethyl)- (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN N,N,N',N'-Tetraglycidyl-m-xylenediamine
CN N,N,N',N'-Tetraglycidyl-m-xylylenediamine
FS 3D CONCORD
DR 95991-89-2
MF C20 H28 N2 O4
CI COM
LC STN Files: CA, CAPLUS, CASREACT, CHEMLIST, IFICDB, IFIPAT, IFIUDB,
MSDS-OHS, USPAT2, USPATFULL
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

100 REFERENCES IN FILE CA (1907 TO DATE)
24 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
101 REFERENCES IN FILE CAPLUS (1907 TO DATE)

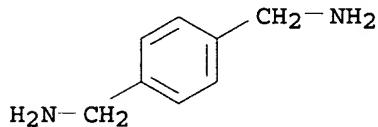
RN 1477-55-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1,3-Benzenedimethanamine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN m-Xylene- α , α' -diamine (6CI, 8CI)
OTHER NAMES:
CN α , α' -Diamino-m-xylene
CN α , α' -m-Xylenediamine
CN 1,3-Benzenebis(methylamine)
CN 1,3-Bis(aminomethyl)benzene
CN 1,3-Xylenediamine
CN 3-(Aminomethyl)benzylamine
CN Epilink MX
CN Euredur 22
CN m-(α , α' -Diamino)xylene
CN m-Xylenediamine
CN MXDA
CN NSC 61568
FS 3D CONCORD
DR 153326-45-5
MF C8 H12 N2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1339 REFERENCES IN FILE CA (1907 TO DATE)
390 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1343 REFERENCES IN FILE CAPLUS (1907 TO DATE)
64 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 539-48-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1,4-Benzenedimethanamine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN p-Xylene- α , α' -diamine (6CI, 7CI, 8CI)
OTHER NAMES:
CN α , α' -Diamino-p-xylene
CN 1,4-Bis(aminomethyl)benzene
CN 1,4-Xylylenediamine
CN 4-Aminomethylbenzylamine
CN Euredur 14
CN p-Aminomethylbenzylamine
CN p-Bis(aminomethyl)benzene
CN p-Phenylenedi(methylamine)
CN p-Xylylenediamine
FS 3D CONCORD
MF C8 H12 N2
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, GMELIN*, IFICDB, IFIPAT, IFIUDB,
PROMT, RTECS*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



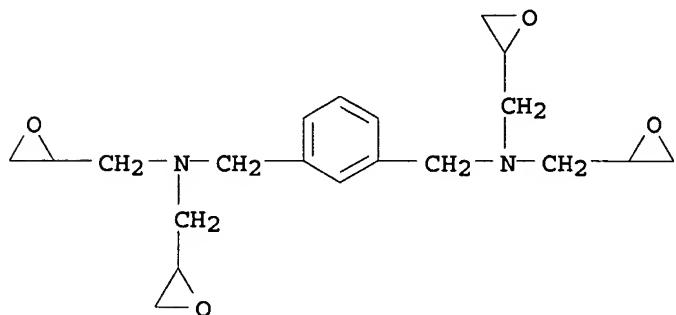
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

612 REFERENCES IN FILE CA (1907 TO DATE)
54 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
612 REFERENCES IN FILE CAPLUS (1907 TO DATE)
38 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 518015-79-7 REGISTRY
ED Entered STN: 21 May 2003
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with
1,3-benzenedimethanamine and N,N,N',N'-tetrakis(oxiranylmethyl)-1,3-
benzenedimethanamine (9CI) (CA INDEX NAME)
MF (C₂₀ H₂₈ N₂ O₄ . C₈ H₁₂ N₂ . C₅ H₈ O₂)_x
CI PMS
PCT Epoxy resin, Polyacrylic, Polyamine, Polyamine formed
SR CA
LC STN Files: CA, CAPLUS

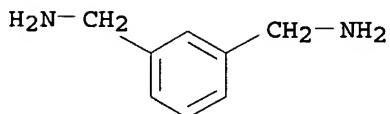
CM 1

CRN 63738-22-7
CMF C₂₀ H₂₈ N₂ O₄



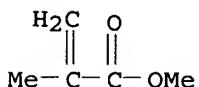
CM 2

CRN 1477-55-0
CMF C₈ H₁₂ N₂



CM 3

CRN 80-62-6
CMF C₅ H₈ O₂



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 518015-76-4 REGISTRY

ED Entered STN: 21 May 2003

CN 2-Propenoic acid, methyl ester, polymer with 1,3-benzenedimethanamine and N,N,N',N'-tetrakis(oxiranylmethyl)-1,3-benzenedimethanamine (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Methyl acrylate-Tetrad X-m-xylylenediamine copolymer

MF (C₂₀ H₂₈ N₂ O₄ . C₈ H₁₂ N₂ . C₄ H₆ O₂)_x

CI PMS

PCT Epoxy resin, Polyacrylic, Polyamine, Polyamine formed

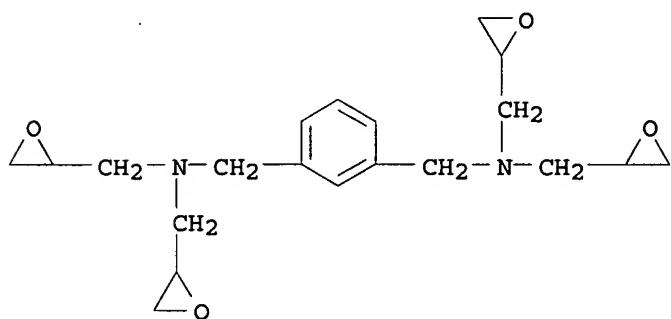
SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 63738-22-7

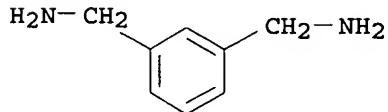
CMF C₂₀ H₂₈ N₂ O₄



CM 2

CRN 1477-55-0

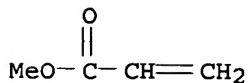
CMF C₈ H₁₂ N₂



CM 3

CRN 96-33-3

CMF C₄ H₆ O₂



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

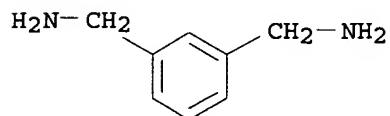
8 REFERENCES IN FILE CA (1907 TO DATE)

8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 439610-76-1 REGISTRY
ED Entered STN: 19 Jul 2002
CN 2-Propenoic acid, methyl ester, polymer with acetic acid and
1,3-benzenedimethanamine (9CI) (CA INDEX NAME)
MF (C8 H12 N2 . C4 H6 O2 . C2 H4 O2)x
CI PMS
PCT Polyacrylic, Polyamine, Polyamine formed
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

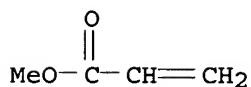
CM 1

CRN 1477-55-0
CMF C8 H12 N2



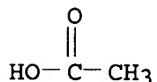
CM 2

CRN 96-33-3
CMF C4 H6 O2



CM 3

CRN 64-19-7
CMF C2 H4 O2

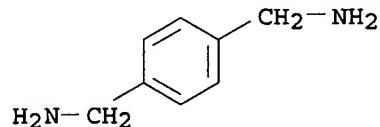


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 198691-78-0 REGISTRY
ED Entered STN: 17 Dec 1997
CN 2-Propenoic acid, methyl ester, polymer with 1,4-benzenedimethanamine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,4-Benzenedimethanamine, polymer with methyl 2-propenoate (9CI)
OTHER NAMES:
CN Methyl acrylate-p-xylylenediamine copolymer
MF (C8 H12 N2 . C4 H6 O2)x
CI PMS
PCT Polyacrylic, Polyamine, Polyamine formed
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

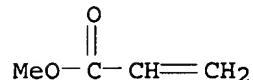
CM 1

CRN 539-48-0
CMF C8 H12 N2



CM 2

CRN 96-33-3
CMF C4 H6 O2

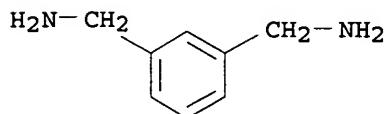


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 159034-97-6 REGISTRY
ED Entered STN: 18 Nov 1994
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with
1,3-benzenedimethanamine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Benzenedimethanamine, polymer with methyl 2-methyl-2-propenoate (9CI)
MF (C8 H12 N2 . C5 H8 O2)x
CI PMS
PCT Polyacrylic, Polyamine, Polyamine formed
SR European Union (EU)
LC STN Files: CA, CAPLUS, CHEMLIST, USPATFULL

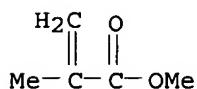
CM 1

CRN 1477-55-0
CMF C8 H12 N2



CM 2

CRN 80-62-6
CMF C5 H8 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 43127-05-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, methyl ester, polymer with 1,3-benzenedimethanamine and 1,4-benzenedimethanamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanamine, polymer with 1,4-benzenedimethanamine and methyl 2-propenoate (9CI)

CN 1,4-Benzenedimethanamine, polymer with 1,3-benzenedimethanamine and methyl 2-propenoate (9CI)

OTHER NAMES:

CN Methyl acrylate- α , α' -m-xylenediamine- α , α' -p-xylenediamine copolymer

MF (C₈ H₁₂ N₂ . C₈ H₁₂ N₂ . C₄ H₆ O₂)_x

CI PMS

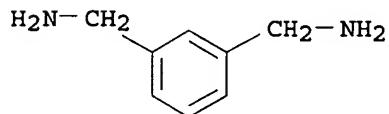
PCT Polyacrylic, Polyamine, Polyamine formed

LC STN Files: CA, CAPLUS

CM 1

CRN 1477-55-0

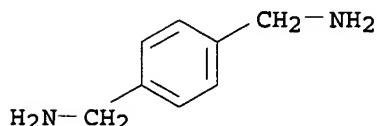
CMF C₈ H₁₂ N₂



CM 2

CRN 539-48-0

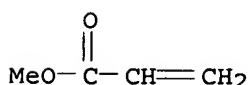
CMF C₈ H₁₂ N₂



CM 3

CRN 96-33-3

CMF C₄ H₆ O₂



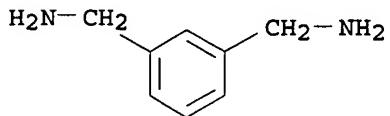
1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 39925-54-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Propenoic acid, methyl ester, polymer with 1,3-benzenedimethanamine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3-Benzenedimethanamine, polymer with methyl 2-propenoate (9CI)
OTHER NAMES:
CN Methyl acrylate-m-xylylenediamine copolymer
MF (C8 H12 N2 . C4 H6 O2)x
CI PMS
PCT Polyacrylic, Polyamine, Polyamine formed
LC STN Files: CA, CAPLUS, USPATFULL

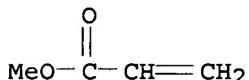
CM 1

CRN 1477-55-0
CMF C8 H12 N2



CM 2

CRN 96-33-3
CMF C4 H6 O2



8 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)